

Egyptian New & Renewable Energy Authority, Non-Technical Summary (E...

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line to connect the site substation to a 500kV/ 200kV substation where the voltage is stepped up further and the electricity delivered to EETC Transmission System.

An additional ESIA has been commissioned for overhead transmission lines as the 220kV transmission line will be used exclusively by the project until subsequent wind developments transition into operations.

The main permanent components of the wind farm development are as follows:

- Wind turbines
- Pad mounted transformers
- Medium Voltage MV collector system
- Fenced on-site Substation and Control Building and O&M Building
- Three Permanent meteorological masts

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